INTERNATIONAL SEARCH REPORT

		PC	C1/GB2004/001491		
A. CLASSI IPC 7	BEST BEST BEST BEST BEST BEST BEST BEST				
1	to International Patent Classification (IPC) or to both national classification	ication and IPC			
	SEARCHED				
Minimum do	locumentation searched (classification system followed by classifica B23K B21D	lion symbots)			
	ation searched other than minimum documentation to the extent that		·		
Electronic d	data base consulted during the international search (name of data base	ase and, where practical, seam	ch terms used)		
	nternal, PAJ				
	ENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.		
х	EP 1 245 325 A (BOEING CO) 2 October 2002 (2002-10-02) paragraphs '0002!, '0010!; figu	1,2,6-27			
A	F-1-13F-11. 0001.,gu.	res 5,7	3-5,28		
х	WO 02/070186 A (HAMA YASUYUKI ; HIROSHI (JP); NARITA MASAYUKI (JI	1-5,7-28			
Α .	HASHIMOTO) 12 September 2002 (200 figures 11-13 & US 2004/074949 A1 (HAMA YASUYU 22 April 2004 (2004-04-22) paragraphs '0097! - '0103!; figur	6			
х	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05, 31 May 1999 (1999-05-31) & JP 11 047859 A (MITSUBISHI HEAN LTD), 23 February 1999 (1999-02-2 abstract; figures	VY IND	1-4, 6-10, 12-26		
Furth	ner documents are listed in the continuation of box C.	X Patent family membe	rs are listed in annex.		
Patent family members are listed in annex. * Special categories of cited documents: *T* Later document published after the international filing data.					
E earlier document but published on or after the international filing date *I.* document which mouthers doubte as a large state of the art which is not called to uninvention invention. *I.* document which mouthers doubte as a large state of the art which is not called to uninvention. *I.* document which mouthers doubte as a large state of the art which is not called to invention. *I.* document which mouthers doubte as a large state of the art which is not called to uninvention. *I.* document which mouthers doubte as a large state of the art which is not called to uninvention.			conflict with the application but rinciple or theory underlying the evance; the claimed invention velor cannot be considered to		
which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means.			when the document is taken alone evance; the claimed invention involve an inventive step when the ith one or more other such docu-		
'P' documer	ant published prior to the international filing date but	ments, such combination in the art. *&* document member of the s	being obvious to a person skilled		
Date of the a	actual completion of the international search	Date of mailing of the inter			
	1 July 2004	28/07/2004			
Name and ma	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk	Authorized officer			
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Jaeger, H			

INTERNATIONAL SEARCH REPORT

PCT/GB2004/001491

Patent document cited in search report		T				
		Publication date		Patent family member(s)		Publication date
EP 1245325	Α	02-10-2002	US EP US	2002142183 1245325 2003071107	5 A1	03-10-2002 02-10-2002 17-04-2003
WO 02070186	A	12-09-2002	JP JP DE WO US	2002263862 2002273580 10296452 02070186 2004074949) A ? TO 5 A1	17-09-2002 25-09-2002 04-03-2004 12-09-2002 22-04-2004
US 2004074949	A1	22-04-2004	JP JP DE WO	2002263862 2002273580 10296452 02070186	A TO	17-09-2002 25-09-2002 04-03-2004 12-09-2002
JP 11047859	Α	23-02-1999	NONE			